

a3  
--32. (Amended) An assay for the screening of substances in respect of their insulin regulating properties, characterized in that a sequence according to claim 1 is used as marker for insulin regulating properties.

Amend claim 38 as follows:

--38. (Amended) A method according to claim 36, characterized in that the cells taken from the patient are chosen among blood cells, adipocyte cells, muscle cells, and liver cells.

a4  
[Amend claim 39 as follows:]

--39. (Amended) A method according to claim 36, characterized in that the cells are blood cells.--